

Date: Tue, 5 Jan 93 09:06:06 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #18
To: Info-Hams

Info-Hams Digest Tue, 5 Jan 93 Volume 93 : Issue 18

Today's Topics:

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 CQ rtty experts...
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 NASA Project Dante & Compressed Video? (2 msgs)
 Need a 3rd hand for Soldering!? (3 msgs)
 New car causes RFI on 2M - Help!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 Jan 93 14:54:20 GMT
From: news-mail-gateway@ucsd.edu
Subject: 1200Mhz is not a microwave band!
To: info-hams@ucsd.edu

Since so called "microwave ovens" operate in the UHF designation
frequency range why don't we call them a "UHF" ? Think about that
one.

Seth T. KC2WE

Date: 5 Jan 1993 15:03:15 GMT
From: news.larc.nasa.gov!grissom.larc.nasa.gov!kludge@uunet.uu.net
Subject: 1200Mhz is not a microwave band!
To: info-hams@ucsd.edu

In article <9301051454.AA02438@tix.timeplex.com> taylor@tix.timeplex.COM (Seth Taylor) writes:

>Since so called "microwave ovens" operate in the UHF designation
>frequency range why don't we call them a "UHF" ? Think about that
>one.

"It's below 1 GHz, so it's effectively DC."
-- Dr. P. Steffes

Date: 5 Jan 93 13:25:44 GMT
From: news-mail-gateway@ucsd.edu
Subject: Amiga software questions
To: info-hams@ucsd.edu

Hi all,

I am looking for FTP addresses wher I can find HAM (Packet) software for Amiga comp. There are a lot of places with AmigaNOS but what about other kind of programs? Wher can I find software for Satellite tracking, Fax, TNCs, telemetry?

I have some files from nic.funet.fi /pub/ham/amiga (ham1..ham6.LHW). But there are some problems when I try to use my LHW on it. Is there anybody who use these files and can help me to extract it?

Thank you in advance,
73 de Greg, (GREG@PLSZUS11)

Date: Tue, 5 Jan 1993 13:33:08 GMT
From: sdd.hp.com!news.cs.indiana.edu!nstn.ns.ca!news.ucs.mun.ca!kean.ucs.mun.ca!
jcraig@network.UCSD.EDU
Subject: CQ rtty experts...
To: info-hams@ucsd.edu

I built a RTTY demod and wrote a simple prog to read the serial port so I could copy RTTY on my PC. Unfortunately, most RTTY is baudot (5 bit) and not the 8 bit ACII which I can copy.

If anyone has a source code (C or BASIC) or algorithm or even a few ideas on how to copy baudot with a PC using a simple demod, I'd be very grateful if I could procure same.

73

Joe, V01NA

--

Date: 5 Jan 93 14:16:43 GMT
From: news-mail-gateway@ucsd.edu
Subject: Distinct Checks
To: info-hams@ucsd.edu

Has anyone ever wondered what it would take to get a company like Checks in the Mail (in Calif) to come up with a series of picture checks for the ham radio hobby?

Maybe they could be convinced to come up with four designs in a series, like the Old Man (W1AW), the W1AW building, a spark gap transmitter, and an antenna field.

jd--k1zat

Date: 5 Jan 93 12:29:58 GMT
From: pipex!bnr.co.uk!uknet!mcsun!sun4nl!ruuinf!jaap@uunet.uu.net
Subject: Freq's wanted for Tampa area
To: info-hams@ucsd.edu

Hi,

I will visit Florida end of this month and I am looking for frequencies (Tower/Approach) of airports in the Tampa area.
I am interested in Tampa Int Airport, St. Petersburg Int. Airport and the USAF Airbase (is it McDill ??).

Thanks in advance.

jaap

Date: Tue, 5 Jan 1993 14:15:16 GMT
From: swrinda!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!linac!att!cbnewse!waco@network.UCSD.EDU

Subject: Ham transmissions-a hypothetical situation
To: info-hams@ucsd.edu

In article <1993Jan5.085312.22208@ringer.cs.utsa.edu> sbooth@lonestar.utsa.edu
(Simon E. Booth) writes

>Here's a hypothetical situation I've been wondering about:

>

>Say I'm a ham operator (hopefully in the next few months!) and I have a
>favorite frequency (not claiming it of course) that I like to conduct
>QSO's on. My friends have shortwave receivers and I tell them to tune
>to that frequency if they want to hear me on the radio.

>

>My transmissions are not meant to be one way, for them, so does this
>violate the no one-way broadcasting rule?

No, it doesn't.

>I'm conducting normal QSO's in this situation, not acknowledging that
>my friends are listening (saying hello to them, etc.).

>

>Is this legal??

Yep.

>

>Which takes me to another more unusual question:

>

>Have amateur operators ever receive reception reports from regular
>shortwave listeners?

Yep. All the SWL cards I have received over the years, if I remember correctly, have come from Eastern European countries and from the former Soviet Union. I do believe, but may be wrong, that some countries require SWL activity and some number of QSL cards received by the SWLer as a prerequisite for an amateur license. However, SWLing is a popular hobby in and of itself.

>A long time ago I was actually tempted to do this (send a reception report
>to a ham I heard on the air) but the signal faded before I could hear
>the address he was giving.

>

>I know these questions are a bit strange but I thought this group could
>use something to liven things up- the 430 Mhz/repeater debate thread was
>starting to wear thin. :-)

No, they aren't strange. You can't find out the answers if you don't ask.

>Simon

73,

John -- WB9VGJ

```
#####  
# John L. Broughton      snail mail: Room 1K-324      #  
# AT&T                  1200 E. Warrenville Rd.      #  
#                      P.O. Box 3045                #  
#                      Naperville, IL 60566-7045     #  
#                      (708) 713-4319                #  
#                      e-mail: john.l.broughton@att.com #  
#                      att!john.l.broughton          #  
#                      air mail (HF, VHF): WB9VGJ      #  
#####
```

Date: 5 Jan 93 14:37:24 GMT
From: swrinde!zaphod.mps.ohio-state.edu!cis.ohio-state.edu!news.sei.cmu.edu!
drycas.club.cc.cmu.edu!pitt.edu!hpb.cis.pitt.edu!hpb@network.UCSD.EDU
Subject: Ham transmissions-a hypothetical situation
To: info-hams@ucsd.edu

In article <1993Jan5.085312.22208@ringer.cs.utsa.edu> sbooth@lonestar.utsa.edu
(Simon E. Booth) writes:

>
>Say I'm a ham operator (hopefully in the next few months!) and I have a
>favorite frequency (not claiming it of course) that I like to conduct
>QSO's on. My friends have shortwave receivers and I tell them to tune
>to that frequency if they want to hear me on the radio.

>
>Is this legal??

>
>It's legal only if discussed in rec.radio.amateur.policy. :-)

Harry Bloomberg WA3TBL
hpb@vms.cis.pitt.edu

Date: 5 Jan 93 14:23:05 GMT
From: news-mail-gateway@ucsd.edu
Subject: info-hams
To: info-hams@ucsd.edu

SUBSCRIBE info-hams
SUBSCRIBE rec.radio.amateur.packet

Date: Tue, 5 Jan 1993 15:15:37 GMT
From: usc!cs.utexas.edu!torn!newshost.uwo.ca!news@network.UCSD.EDU
Subject: KENWOOD TS-790-A AND ATV ?
To: info-hams@ucsd.edu

DOES ANYONE OUT THERE KNOW HOW THE KENWOOD TS-790-A OPERATES WITH
ATV ?

THERE IS AN ATV LIGHT IN THE DISPLAY. IN 73 MAGAZINE (I THINK)
ABOUT 2 YEARS AGO IT HAD A PRODUCT REVIEW AND STATED THAT ATV
WAS EASY WITH THIS RIG.IT DID NOT STATE HOW.

I HAVE CONTACTED KENWOOD USA AND CANADA AND DID NOT GET
A RESPONSE FROM EITHER.

I HAVE DONE THE MODS TO GET 300 AND 800 MHZ AS WELL AS CROSSBAND.
ALSO I HAVE THE 1200 MHZ UNIT AND IT HAS A 287 MHZ IF JACK ON
THE BACK OF IT.IN THE MANUAL AND SERVICE MANUAL IT DOES NOT SAY
WHAT THE PURPOSE OF THIS IS.IT DOES SAY THAT ADVANCED SKILLS
ARE NEEDED TO OPERATE THIS FEATURE,WHAT EVER IT IS.
ANY IDEAS ?

PLEASE SEND REPLIES TO
cozyer@student.business.uwo.ca
73 CARL VE3ZCO

cozyer@student.business.uwo.ca (Carl Ozyer)
Western Business School -- London, Ontario

Date: 5 Jan 93 14:14:14 GMT
From: news-mail-gateway@ucsd.edu
Subject: Licensing changes for change of address?
To: info-hams@ucsd.edu

omh@cs.brown.edu writes:

>Sorry to ask such a dumb question, but have you tried getting a form 630

My pappy always said that the only dumb question was the one that was
not asked. FCC 610's can be had from the ARRL (they have an 800#)
or I can mail you one since I have a few in my VE stock pile (need
your mail address).

Probably a good idea to let them know what the current mailing address
and station location are. I remember some years back a W5 didn't have

an up to date address on file with the FCC. They had a couple of monitoring station citations for him but they kept coming back "return to sender". Eventually, he decided it wa time to renew and the FCC let him have it...

jd--k1zat

Date: 5 Jan 93 13:47:25 GMT
From: jvnc.net!netnews.upenn.edu!prijat!triangle.cs.uofs.edu!bill@RUTGERS.EDU
Subject: NASA Project Dante & Compressed Video?
To: info-hams@ucsd.edu

In article <1993Jan4.191814.25568@cbnewsm.cb.att.com>, jeffj@cbnewsm.cb.att.com (jeffrey.n.jones) writes:

|>
|> Along those same lines, I was floored to find out they were using a
|> cable to transmit commands to Dante. Seems like it would have been a whole
|> lot easier to have had repeaters on the edge of the volcano and ran high
|> speed packet to control the robot. Maybe as a ham these things occur to me.
|>

Considering how much trouble they have had just keeping it's legs attached, I can't imagine them keeping a high-speed packet network running.

And anyway, when the legs fall off again, they can always drag it back out with the fiber-optic cable. :-) or is it :-(

bill KB3YV

--

Bill Gunshannon		If this statement wasn't here,
bill@cs.uofs.edu		This space would be left intentionally blank
		#include <std disclaimer.h>

Date: Tue, 5 Jan 1993 15:46:42 GMT
From: usc!sol.ctr.columbia.edu!news.cs.columbia.edu!popovich@network.UCSD.EDU
Subject: NASA Project Dante & Compressed Video?
To: info-hams@ucsd.edu

> Considering how much trouble they have had just keeping it's legs attached,
> I can't imagine them keeping a high-speed packet network running.
>
> And anyway, when the legs fall off again, they can always drag it back out
> with the fiber-optic cable. :-) or is it :-(

Low blow! Besides, that's about what happened in Antarctica :-). The legs stayed on, but their fiber-optic cable didn't unreel properly. It developed a kink, and when they tried to straighten it out, the fiber broke. Mission scrubbed. Sigh.

-Steve

Date: Tue, 5 Jan 1993 12:56:14 GMT
From: haven.umd.edu!wam.umd.edu!ham@uunet.uu.net
Subject: Need a 3rd hand for Soldering!?
To: info-hams@ucsd.edu

In article <1993Jan4.222522.20042@news.columbia.edu> hyx1@cunib.cc.columbia.edu (Harry Y Xu) writes:

>I always feel like my 2 hands are not enough when soldering.
>1 hand holds the soldering iron;
>1 holds the solder;
>another hand is needed to hold the component, or the pliers that hold the
>component to prevent over-heating.
>
>Does anyone have a smart solution?

Yup. Get yourself a table-top vise. Nice, free-standing, with a heavily weighted base. If you have a workbench that you can drill into, your choices are very broad. As for where to go to get it:

You can probably pick up something Craftsman at Sears, or something else at the local hardware store. There's also a company in California called Jameco that sells stuff like tools, breadboards, and irons, that would probably sell a bench-type vise.

Scott
NF3I

Date: Tue, 5 Jan 1993 13:09:20 GMT
From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!malgudi.oar.net!chemabs!vjh21@network.UCSD.EDU
Subject: Need a 3rd hand for Soldering!?
To: info-hams@ucsd.edu

It might be Blackstone tools, there is a gadget you can buy that has two arms with alligator clips on the ends and a heavy base. I think they go for \$10-\$15. I'm sure they will be at Dayton but you might try a hobby store.

v
ka8cte

--

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-----
|      Vincent Herried (614) 447-3600 x 2877
|      Chemical Abstracts Service
|      P.O. Box 3012
( ) -----|      Columbus, OH 43210-0012
|      |
|      |      Current thought: People who cannot be
|      |      understood are geniuses, so management
|      |      assigns them the toughest projects.
|      |
|      |
-----
```

Date: Tue, 5 Jan 1993 15:13:22 GMT
From: usc!cs.utexas.edu!torn!nott!bnrgate!bcrka451!znha@network.UCSD.EDU
Subject: Need a 3rd hand for Soldering!?
To: info-hams@ucsd.edu

In article <1993Jan4.222522.20042@news.columbia.edu>, hyx1@cunib.cc.columbia.edu
(Harry Y Xu) writes:
> I always feel like my 2 hands are not enough when soldering.
> Does anyone have a smart solution?

I heartily agree! Then again, the disadvantage of a 3rd arm: your shirts
wouldn't fit anymore, you'd have to sleep on your back, hugging would be
difficult, etcetera...

Recommended: acquire one of those little gadgets consisting of 2 alligator
clamps on ball'n'socket joints, held down with a little metal base. Got mine
at a local electronics dealer for \$2.50, called it a "3rd hand".

Other choices: small bench vice, or a willing and attentive assistant.

Good luck!
Gord.

--

znha@bnr.ca (internet) ve3ppe@ve3osq.#eont.can.na (packet)
Exploring the outer reaches of 9,600 bps packet on 440 MHz!

Date: Tue, 5 Jan 1993 13:21:56 GMT

From: infonode!ingr!b30news!afsp.b30.ingr.com!boyd@uunet.uu.net
Subject: New car causes RFI on 2M - Help!
To: info-hams@ucsd.edu

In article <2B49494B.19270@news.service.uci.edu>, eahu099@orion.oac.uci.edu (Asako Mariather Kurosaka-Black) writes:

>Path: b30news!ingr!infonode!uunet!usc!news.service.uci.edu!orion.oac.uci.edu!
eahu099

>From: eahu099@orion.oac.uci.edu (Asako Mariather Kurosaka-Black)

>Subject: New car causes RFI on 2M - Help!

>Nntp-Posting-Host: orion.oac.uci.edu

>Newsgroups: rec.radio.amateur.misc

>Organization: University of California, Irvine

>Lines: 16

>Date: 5 Jan 93 08:39:39 GMT

>

>I just bought a 1993 Chevy Astro Van with a digital insturment panel.

>Unfortunately, I am an T-hunter, and my car puts out a birdie? on

>146.565, or there abouts. That is the local hunt freq, so I do

>have a problem. I pick it up with the installed FT5100 as well as

>an on an HT with a rubber duck while sitting in the driver's seat.

>Sometimes it is stronger 5 or 10 kc up or down from 6.565, but

>it's almost always there. It appears when I turn on the accessories,

>even before then engine is running, and persists while driving.

>I tried pulling fuses, and found the problem went away when I pulled

>the fuse marked "BRAKE" which, I believe feeds the anti-lock brake

>computer and the digital speedometer. Thats what I have learned so far,

>

>Any suggestions? Thanks!

>

>73 de KD6BCH eahu099@orion.oac.uci.edu

>

I've got a 89 Chevy truck and have had the same problems. I've added grounds between the frame and block, extra grounding on the antenna, and have even stripped the center out of RG8, opened it up, and run my power leads from my battery to my radio. I've had my alternator checked, its ok, no blown diodes. A local commercial communications radio shop suggested that the computers in the truck were generating rfi. I also tried pulling fuses, when I pulled the one that ran the fuel pump, the truck died, and the noise stopped. Not surprising.

It appears that the rfi is being picked up thru the antenna, not the power leads. You can stand near the truck with an ht and pick up the noise. Couldn'ttell you exact what frequencies, it's been a while since I've done any investigation.

Would wrapping my antenna lead around some torroids help? I tried a couple of the cheapies from radio shack and they did nothing.

This is both an interesting and an annoying problem. Do we have any amateurs out there that work for dealerships or for auto manufacturers? My Chevy dealer hasn't a clue to the problem.

I recommend posting all comments and replies so that all can see.

Thanks!

73s

Stan
KC4ZGF

Date: 5 Jan 1993 15:18:15 GMT
From: swrinde!zaphod.mps.ohio-state.edu!wupost!cs.utexas.edu!bcm!lib!
oac.hsc.uth.tmc.edu!jmaynard@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1ia9j8INNl27@transfer.stratus.com>, <8319@lib.tmc.edu>,
<1ialnnINNt37@transfer.stratus.com>h.tm
Subject : Re: Closed repeaters

In article <1ialnnINNt37@transfer.stratus.com> leadfoot@bigbootay.sw.stratus.com
(Mark Curtis) writes:

>In article <8319@lib.tmc.edu>, jmaynard@oac.hsc.uth.tmc.edu (Jay Maynard) writes:
>|> OK...but let's add some more things to make your analogy even closer: First of
>|> all, the highway has hundreds of lanes.
>And there are thousands of users/drivers. If you live in any metro area
>you know that demand for more lanes rises faster than they can be built.

...but, since there are hundreds of lanes, changing lanes to one that doesn't
have someone's Porsche in it is not only possible but easy.

>Blocking off PUBLIC property for one group/user's PRIVATE use without
>compensation to the public is wrong.

Fortunately, the FCC disagrees with you.

>Kind of like FM/AM/TV broadcasters,
>cell phone, and other private interests pay. They too are using a public
>resource for private usage, so they pay a usage fee to offset the public's
>loss.

Actually, no, they don't. Their license fee goes strictly towards the expenses of processing their license. Nothing more.

>|> Second, the lane Jim's Porsche is in
>|> is one of the most heavily traveled lanes on the highway.
>All the more reason not to park your car in the lane blocking it. I don't
>care how many lanes there are, when they're all needed people have to
>share. When there are unused lanes available then it isn't a problem,
>but when demand is high the rules have to change. No more private use
>of public property.

Sorry, but this doesn't wash either. You're demanding that Jim change his Porsche into a public bus, just like all the public busses in all the other lanes. Are you going to pay for it? If not, then what gives you the right to take his property?

>|> Third, there are
>|> spots on the highway where, if you cross them at exactly 88 miles an hour,
>|> you're teleported somewhere you're thinking of, but if your speed is off, you
>|> wind up in weird worlds you can never get out of.
>You added a hazard to public highway? As long as we're at it let's add a
>set of lights and traps for drag racing. :-)

Some repeaters have traps for the unwary. Linked repeater systems, for example, are extremely confusing to the uninitiated, as well as being expensive to set up and maintain. Others have sophisticated control systems driving all manner of accessories; a careless touch tone at the wrong time can bring the whole thing crashing down on your head. You would have all such repeaters open to every ham. The net effect of that would be lowering all repeaters to the lowest kerchunk-box common denominator. What ever happened to experimentation?

>|> Fourth, as the highway winds
>|> through Texas, there are others on it who Jim shares the lane with peacefully
>|> and cooperatively.
>And others who have just as much right to be there who aren't welcome.

You're demanding that Jim hand the keys to his Porsche to anyone who comes along and asks. Are you prepared to buy the machine from him? If not, then how dare you tell him how to run it?

>Just turn your repeater off, that is the only thing you
>do own and control.

Letting someone who doesn't like me prevent me from using my repeater - something that has happened regularly in the Houston area - is silly and wrong, but it's exactly what you're advocating: by your standards, someone who

doesn't like Jim merely needs to appear on his repeater, thus forcing him to either let the guy use it or deprive himself of it.

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.

"Science is all in the public domain, and allows few secrets."

-- Tom Clancy, _The Sum of all Fears_

Date: 5 Jan 1993 16:47:30 GMT
From: ucsd.edu!brian@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993Jan2.184109.13079@mnemosyne.cs.du.edu>,
<1993Jan4.143616.19209@ul1b.isc.rit.edu>, <1993Jan5.144017.16475@ke4zv.uucp>
Subject : Re: Who do repeater coordinators represent?

Considering how easy and cheap it is to get used trunking equipment around here (there are a LOT of companies going out of business and selling off their radios), several of us got together and tried to interest people in setting up a trunking system in the 900 MHz ham band (many of the radios should be able to move there). Couldn't get a critical mass.

If it goes the way most ham stuff does these days, we hams will be putting up trunking repeaters about the time that trunking becomes obsolete and CDMA or something is getting old in commercial service.

Ham radio is a dying hobby. I wonder if we deserve our frequencies any more. We sure as hell aren't doing anything new with them.

Do I sound bitter?
- Brian

End of Info-Hams Digest V93 #18
